

#3

ILLINOIS-AMERICAN WATER COMPANY  
RESPONSE TO ILLINOIS COMMERCE COMMISSION  
DATA REQUEST NUMBER RAK-1.00

Person Responsible:  
Title:  
Phone No.:  
Date Received:  
Docket No.:

Karen H. Cooper  
Manager, Southern Div.  
618-239-3244  
August 30, 2000  
99-0488

RAK 1.00

In Ms. Cooper direct testimony (p 3, line 8) she indicates that the proposed site will consist of 102 acres. Does the 102 acres includes a portion of the area already certificated by the Commission in a previous docket? If yes, please provide the number of acres being requested under this proceeding.

RESPONSE

Approximately  $\frac{1}{2}$  of this development (i.e. 51 acres) would be in the area requested to be certificated to the Company in this proceeding. The other  $\frac{1}{2}$  of the development will be in the area certificated to the Company in Docket No. 84-0204.

OFFICIAL FILE  
ILL. C. C. DOCKET NO. 00-0488  
IAWC 3  
Witness \_\_\_\_\_  
Date 10-12-00 Superior CB

**ILLINOIS-AMERICAN WATER COMPANY**  
**RESPONSE TO ILLINOIS COMMERCE COMMISSION**  
**DATA REQUEST NUMBER RAK-1.05**

Person Responsible:  
Title:  
Phone No.:  
Date Received:  
Docket No.:

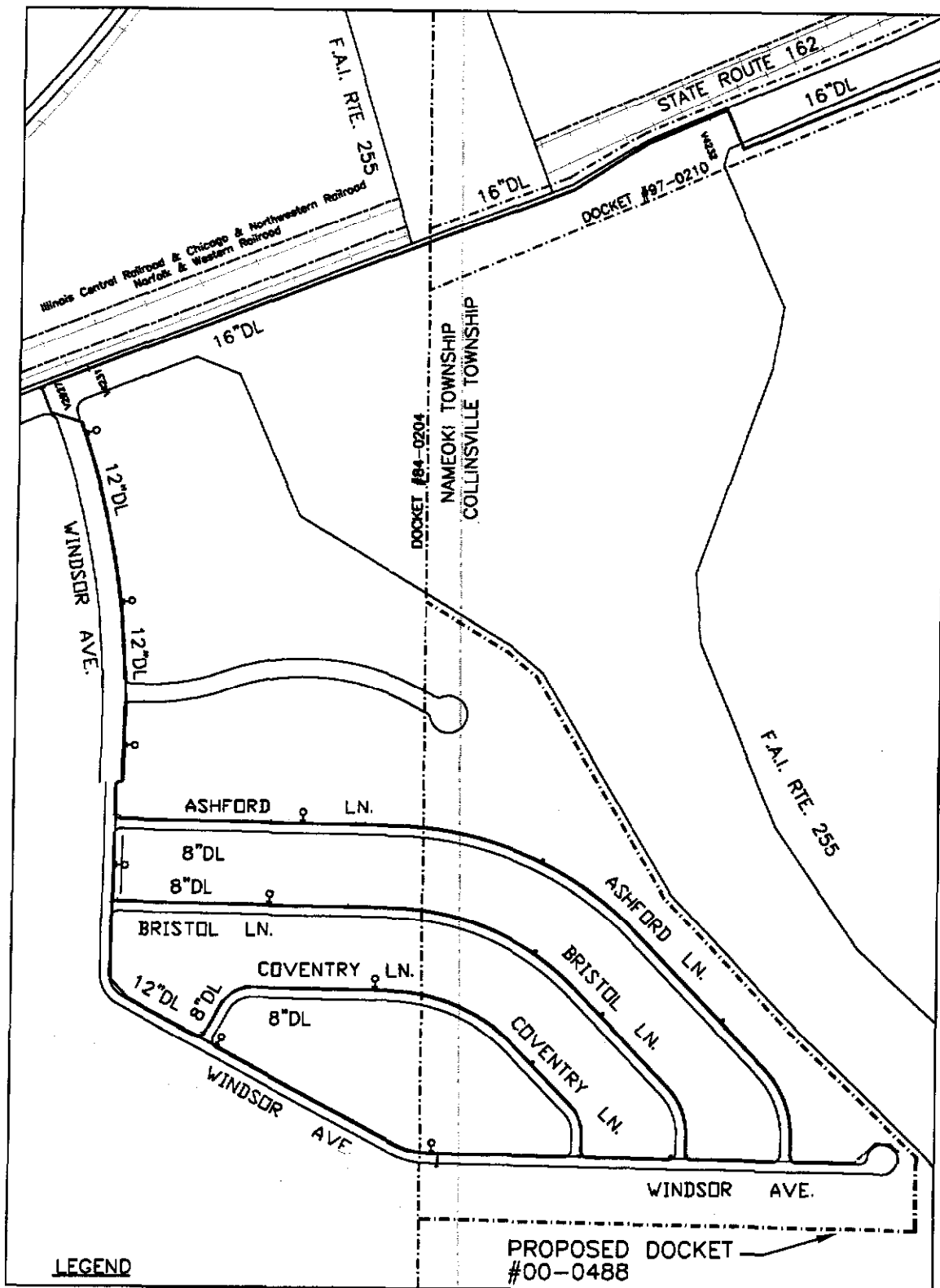
Karen H. Cooper  
Manager, Southern Div.  
618-239-3244  
August 30, 2000  
99-0488

**RAK 1.05**

Please provide a detailed distribution map showing Illinois American Water Company's (IAWC) existing mains and the proposed distribution main to serve the mobile home park and 10 commercial lots.

**RESPONSE**

See attached.



# WINDSOR PARC WATER MAINS/PROPOSED DOCKET INTERURBAN DISTRICT



Illinois-American  
Water Company

SCALE: NONE DATE: SEPT 2000

ILLINOIS-AMERICAN WATER COMPANY  
RESPONSE TO ILLINOIS COMMERCE COMMISSION  
DATA REQUEST NUMBER RAK-1.06

Person Responsible:  
Title:  
Phone No.:  
Date Received:  
Docket No.:

Karen H. Cooper
Manager, Southern Div.
618-239-3244
August 30, 2000
99-0488

**RAK 1.06**

Does IAWC's plans include serving individual lots in Windsor Parc. or having one metering point and serving Windsor Parc. as one customer?

**RESPONSE**

This development will have individually metered lots.

**ILLINOIS-AMERICAN WATER COMPANY**  
**RESPONSE TO ILLINOIS COMMERCE COMMISSION**  
**DATA REQUEST NUMBER RAK-1.10**

Person Responsible:	Karen H. Cooper
Title:	Manager, Southern Div.
Phone No.:	618-239-3244
Date Received:	August 30, 2000
Docket No.:	99-0488

**RAK 1.10**      Please provide a detailed breakdown of the \$358,920 for the water main extension to serve Windsor Parc.

**RESPONSE**      See the attached detailed breakdown of the \$358,920 cost for the water main extension. This cost reflects the Company proposed increase in main size from an 8" to a 12" main to improve water service to the Arlington Heights area. Also attached is a detailed breakdown of the \$308,210 cost portion paid by the developer to construct an 8" main extension. The difference of \$50,710 is being financed by the Company, as indicated in Mr. Stafford's testimony.

SCHEDULE OF PRICES

FOR: "Windsor Parc - Pontoon Beach, IL"

Alternate No. 1

December 22, 1999

ITEM	APPROXIMATE QUANTITY	UNIT PRICE	EXTENDED AMOUNT
12" Ductile Iron Pipe (Pressure Class 350)	3,300 L.F.	31.-	102,300.-
8" Ductile Iron Pipe (Pressure Class 350)	9,000 L.F.	19.-	171,000.-
6" Ductile Iron Pipe (Pressure Class 350)	400 L.F.	17.-	6,800.-
6" Gate Valve, with box	21 EA.	500.-	10,500.-
8" Gate Valve, with box	9 EA.	600.-	5,400.-
12" Gate Valve, with box	5 EA.	1,300.-	6,500.-
16" x 12" Tapping Sleeve	1 EA.	3,400.-	3,400.-
6" Fire Hydrant (5-1/4 V.O. with 3 Nozzles)	16 EA.	1,000. <sup>00</sup>	16,000. <sup>00</sup>
Fire Hydrant Lateral	16 EA.	100. <sup>00</sup>	1,600. <sup>00</sup>
12"x12"x12" Tee	1 EA.	400.-	400.-
12"x12"x8" Tee	4 EA.	375.-	1,500.-
12"x12"x6" Tee	6 EA.	375.-	2,250.-
8"x8"x8" Tee	3 EA.	200.-	600.-
8"x8"x6" Tee	8 EA.	200.-	1,600.-
12" 45-degree bend	3 EA.	270.-	810. <sup>00</sup>
12" 22-1/2-degree bend	1 EA.	270. <sup>00</sup>	270. <sup>00</sup>
8" 45-degree bend	4 EA.	150.-	600. <sup>00</sup>
8" 22-1/2-degree bend	5 Ea.	150.-	750.-
6" 45-degree bend	3 Ea.	140.-	420.-
12" to 8" Reducer	1 Ea.	270.-	270.-
8" to 6" Reducer	1 Ea.	200.-	200.-
18" Steel Casing Pipe	80 L.F.	150.-	12,000. <sup>00</sup>
Select Granular Trench Backfill	155 C.Y.	18.-	2,790.-

TOTAL:

747,960.<sup>00</sup>

Pipe encasement 8"=12" SDR 26 14<sup>00</sup>/LF

220 LF

4,180.-

Pipe encasement 12"-16" SDR 26 31<sup>00</sup>/LF

180 LF

5,580.<sup>00</sup>

Blow offs

8"

1200/each

1

1,200.<sup>00</sup>

758,920.<sup>00</sup>

SCHEDULE OF PRICES

FOR: "Windsor Parc - Pontoon Beach, IL"

Alternate No. 2  
December 22, 1999

ITEM	APPROXIMATE QUANTITY	UNIT PRICE	EXTENDED AMOUNT
8" Ductile Iron Pipe (Pressure Class 350)	12,300 L.F.	19.-	233,700.-
6" Ductile Iron Pipe (Pressure Class 350)	400 L.F.	17.-	6,800.-
6" Gate Valve, with box	21 EA.	500.-	10,500.-
8" Gate Valve, with box	14 EA.	600.-	8,400.-
16" x 8" Tapping Sleeve	1 EA.	2,250.-	2,250.-
6" Fire Hydrant (5-1/4 V.O. with 3 Nozzles)	16 EA.	1,000.-	16,000.-
Fire Hydrant Lateral	16 EA.	100.-	1,600.-
8"x8"x8" Tee	8 EA.	200.-	1,600.-
8"x8"x6" Tee	14 EA.	200.-	2,800.-
8" 45-degree bend	7 EA.	150.-	1,050.-
8" 22-1/2-degree bend	6 Ea.	150.-	900.-
6" 45-degree bend	3 Ea.	140.-	420.-
8" to 6" Reducer	1 Ea.	200.-	200.-
14" Steel Casing Pipe	80 L.F.	130.-	10,400.-
Select Granular Trench Backfill	155 C.Y.	18.00	2,790.-
TOTAL:			299,410. <sup>00</sup>

Pipe encasement 8" = 12" SDR 26 14"/LF 400LF 7,600.<sup>00</sup>  
 Blow offs 1@ 1,200  
 1,200.-  
308,210.<sup>00</sup>

ILLINOIS-AMERICAN WATER COMPANY  
RESPONSE TO ILLINOIS COMMERCE COMMISSION  
DATA REQUEST NUMBER RAK-1.15

Person Responsible:  
Title:  
Phone No.:  
Date Received:  
Docket No.:

Karen H. Cooper  
Manager, Southern Div.  
618-239-3244  
August 30, 2000  
99-0488

**RAK 1.15**

Please provide for the record a copy of the Agriculture Impact Mitigation Agreement as set forth in Ms. Cooper direct testimony on page 5, lines 11 & 12.

**RESPONSE**

See attached.



**AGRICULTURAL IMPACT MITIGATION AGREEMENT  
BETWEEN THE  
ILLINOIS DEPARTMENT OF AGRICULTURE AND ILLINOIS-AMERICAN WATER COMPANY**

The Illinois Department of Agriculture and the Illinois-American Water Company agree to the following measures which the Illinois-American Water Company will implement as it constructs water transmission and distribution lines under cropland within all service areas. These measures will serve to minimize the negative agricultural impacts which may result due to water transmission and distribution line construction.

Landowners are granted the ability to change any construction standard or policy described in this agreement should they deem any standard or policy to be unacceptable, provided, however, that any such changes are mutually acceptable to the Illinois-American Water Company.

The below prescribed construction standards and policies only apply to construction activities occurring partially or wholly on privately owned land and not to construction activities occurring entirely on public right-of-way, railroad right-of-way, and publicly owned land. The Illinois-American Water Company will, however, adhere to the construction standards relating to the repair of drainage tile (item No. 5 in the Agreement) when drainage tiles are encountered on public highway right-of-way, railroad right-of-way, publicly or privately owned land.

Company	=	Illinois-American Water Company
Cropland	=	Land used for growing row crops or small grains; includes land which was formerly used as cropland, but is currently in a government set-aside program.
Landowner	=	Person(s) responsible for making decisions regarding the restoration of the land adversely impacted by a water line.
Water Line	=	Rural water transmission or distribution line. Does not include distribution systems from a public highway to a residence, barn, etc.

**1. Location of Water Lines**

All water lines which must be located on private property will be buried parallel and adjacent to public highways, private roads, and/or railroad right-of-way and will be placed a maximum of 10 feet onto the private property from the edge of the highway and/or railroad right-of-way unless a different dimension is negotiated with the landowner. Where obstructions such as buildings, trees, utility poles, underground utility lines, ditches, creeks, road jogs, and other obstructions prevent such placement of water lines, they may be placed further onto private property to negotiate the obstructions.

2. Location Of Above-Ground Appurtenances, Wells, Tanks, Etc.

First priority will be given to locating above-ground appurtenances, wells, tanks, etc. to land which is not used as cropland. If it is technically or financially not feasible to select such sites, they may be located on cropland at locations where the facilities will provide the least encumbrance to the farming operation, such as in field corners.

3. Depth

The water lines will be buried with a minimum of 42" of cover above the top of the pipe, unless the elevation is adjusted down to clear an obstruction.

4. Separation Of Topsoil

- A. The topsoil from the water line trench need not be separated from the subsoil as long as the trench does not exceed 18 inches in width at the surface. At stream, road, and other underground utility line crossings, the trench may need to be widened. At such locations, the topsoil need not be separated.
- B. Anywhere the water line trench exceeds 18 inches in width at the surface, with the exceptions noted above, the topsoil will be separated from the subsoil and placed back as the surface layer of soil as the trench is backfilled.

5. Drainage Tile

- A. If underground drainage tile is encountered as the trench is excavated, the water line will be buried deep enough to pass under the tile line with one foot of soil between the top of the water line and the bottom of the tile line. The water line may be placed above the tile line in a similar manner as long as the 42 inch depth of top cover is not compromised.
- B. All damaged drainage tile will be repaired in a manner that is acceptable to the landowner. Repair specifications will be presented to the landowner for his/her approval prior to construction of the water line. If a compromise cannot be obtained on the proper repair of damaged tile lines, the repair specifications of the county Soil and Water Conservation District will be followed.
- C. Repairs made to damaged tile lines must enable the tile lines to operate as well after the repairs are completed as before they were damaged. The Company will remain liable for a period of 2 years following the completion of the water line system to ensure that all tile line repairs do not fail.
- D. Tile line repairs will be made the same day the damage occurs. If payments are to be made to the landowner to make his/her own tile repairs, such damage payments must be made within 14 days of the date of the damage.

6. Damages To Private Property

- A. The Company will repair or replace damaged private property within 45 days, weather and landowner permitting, after the water line has been constructed across any affected property.
- B. The Company will remain liable to correct damages to private property beyond the initial construction of the water system, to those damages incurred by future construction, maintenance, and repairs.

7. Restoration Of Soil For Compaction And Rutting

- A. The Company will chisel to a depth of 8 inches all cropland, pasture land, and hayland that has been traversed by construction equipment to alleviate compaction impacts, unless the landowner specifies other arrangements which are acceptable to the Company.
- B. The Company will chisel or pay to have chiseled all compacted and rutted soil within 45 days, weather and landowner permitting, after the water line has been constructed across any affected property.
- C. The Company shall restore the pasture to its original condition.

8. Fertilization Of Disturbed Soils

- A. If desired by the landowner, the Company will agree to apply fertilizer and lime to land disturbed by construction at a rate specified by the county Cooperative Extension Service to help restore the fertility of disturbed soils and enhance the establishment of a vegetative cover to control soil erosion.
- B. Unless other arrangements are made with the landowner, the Company will apply fertilizer and lime to the disturbed right-of-way within 45 days, weather and landowner permitting, after the water line has been constructed across any affected property.

9. Repair Of Damaged Soil Conservation Practices

- A. The Company will repair any soil conservation practices (such as terraces, grassed waterways, etc.) which are damaged by a water line's construction. All soil conservation practices shall be restored to their original condition and elevation.
- B. The Company will repair or pay to have repaired damaged soil conservation practices within 45 days, weather and landowner permitting, of the water line's construction across any affected property. All required grasses will be planted as soon as the seed will germinate.

10. Removal Of Construction Debris

- A. The Company will remove from the landowner's property all material which was not there before construction commenced and which is not an integral part of the water system. (Note: Such material to be removed would also include litter generated by the construction crews.)
- B. The Company will remove all construction debris within 45 days, weather and landowner permitting, after the water line has been constructed across any affected property.

11. Rocks

- A. If rocks are excavated from the water line trench, the Company will remove all rocks which are greater than 3 inches in diameter from the soil to be backfilled in the top 42 inches of the trench.
- B. All removed rock shall be disposed of by the Company at a site other than the landowner's property.

12. Preventing Erosion

- A. The Company will work with landowners to prevent excessive erosion on lands disturbed by construction. The Company will implement reasonable methods to control erosion as suggested by the landowner. This is not a requirement, however, if the land across which a water line is constructed is bare cropland which the landowner intends to leave bare until the next crop is planted.
- B. If the landowner A) does not suggest a reasonable erosion control method, or B) does not suggest any method of erosion control, the Company will follow the recommendations of the county Soil and Water Conservation District.
- C. The Company will ensure that erosion control measures are implemented, or pay the landowner to do so, within 45 days, weather and landowner permitting; following the construction of the water line across any affected property that is subject to erosion.

13. Clearing Of Trees And Brush From The Easement

- A. If trees are to be removed from privately owned land, the Company will consult with the landowner to see if there are trees of commercial or other value to the landowner.
- B. If there are trees of commercial or other value to the landowner, the Company will allow the landowner the right to retain ownership of the trees with the disposition of the trees to be negotiated prior to the commencement of land clearing.
- C. The Company will follow the landowner's desires, regarding the disposition of trees and brush of no value to the landowner and disposal shall comply with local or state regulations.

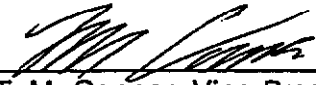
14. Advance Notice Of Access To Private Property

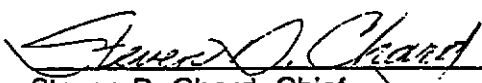
- A. The Company will provide the landowner with a minimum of 24 hours prior notice before accessing his/her property for the purpose of constructing a water line.
- B. Prior notice shall first consist of a personal contact or a telephone contact, whereby the landowner is actually informed of the Company's intent to access the landowner's land. If the landowner cannot be reached in person or by telephone, the Company will mail or hand deliver to the landowner's home a dated, written notice of the Company's intent. The landowner need not acknowledge receipt of the second written notice before the Company enters the landowner's property.

15. Reporting Of Inferior Agricultural Impact Mitigation Work

Prior to the construction of the water system, the Company will provide the landowners with a number they can call to alert the Company should any landowners observe inferior work relating to the agricultural impact mitigation work which is performed on their property.

The Illinois Department of Agriculture and the Illinois-American Water Company concur that reference to the Company's adherence to this agreement is the complete agreement governing performance of water line installation on cropland in the state of Illinois. Both parties agree that in the event the Illinois Commerce Commission (ICC) issues a Certificate of Public Convenience and Necessity ordering the construction of an IAWC water line project and/or service area expansion, the ICC should reference this IAWC-IDOA Agreement in the Opinion Findings of its Order.

  
\_\_\_\_\_  
T. M. Conner, Vice President  
Illinois-American Water Company  
300 North Water Works Drive  
P.O. Box 1761  
Belleville, Illinois 62223

  
\_\_\_\_\_  
Steven D. Chard, Chief  
Illinois Department of Agriculture  
Division of Natural Resources  
Illinois State Fairgrounds, P.O. Box 19281  
Springfield, Illinois 62794-9281

Date: 11/20/92, 1992 Date: November 23, 1992

ILLINOIS-AMERICAN WATER COMPANY  
RESPONSE TO ILLINOIS COMMERCE COMMISSION  
DATA REQUEST NUMBER RAK-1.18

Person Responsible:	Ronald D. Stafford
Title:	Director-Rates & Revenue
Phone No.:	618-239-2239
Date Received:	August 30, 2000
Docket No.:	99-0488

RAK 1.18 Please provide the amount of revenues (by class)  
IAWC expects to receive from Windsor Parc. for 2001,  
2002 and 2006. Provide all workpapers.

RESPONSE See attached.

**Windsor Parc**

	<b>2001</b>	<b>2002</b>	<b>2006</b>
Customers (All Residential)	50	100	178
Revenues:			
5/8" Meter	\$6,300	\$12,600	\$22,428
Usage at 6 ccf/mth	7,153	14,306	25,465
Fire Protection	534	1,068	1,901
	<hr/>		
Total	\$13,987	\$27,974	\$49,794
Expenses:			
F/P& Chemicals	540	1,080	1,922
Customer Accounting	1,404	2,808	4,998
Taxes	4,576	9,153	16,292
	<hr/>		
Total	\$6,520	\$13,041	\$23,212
Net Income	\$7,467	\$14,933	\$26,582

Note: Above numbers at Company's present rates. In Docket No. 00-0340, a proposed increase in rates is currently pending before the Illinois Commerce Commission.

While it is anticipated that 10 commercial customers will ultimately be in the development, at the present time, the nature and identity of those customers is not known and it is not projected that those customers will be added in the near term.

ILLINOIS-AMERICAN WATER COMPANY  
RESPONSE TO ILLINOIS COMMERCE COMMISSION  
DATA REQUEST NUMBER RAK-1.20

Person Responsible:	Ronald D. Stafford
Title:	Director-Rates & Revenue
Phone No.:	618-239-2239
Date Received:	August 30, 2000
Docket No.:	99-0488

RAK 1.20      Please provide the section of Part 600.370, which Mr. Stafford is requesting a variances for. Provide all documents, studies, and workpapers supporting Mr. Stafford request for a variance (Mr. Stafford Direct Testimony page 4, lines 14 - 16).

RESPONSE      The Company will not seek a variance from Part 600.370 for calculation of the developer contribution. This portion of Mr. Stafford's testimony, beginning at page 4 lines 12 through 20 will not be entered into evidence of record in this proceeding.



ILLINOIS-AMERICAN WATER COMPANY  
RESPONSE TO ILLINOIS COMMERCE COMMISSION  
DATA REQUEST NUMBER RAK-1.24

Person Responsible:  
Title:  
Phone No.:  
Date Received:  
Docket No.:

Ronald D. Stafford  
Director-Rates & Revenue  
618-239-2239  
August 30, 2000  
99-0488

**RAK 1.24**

Please explain what effects the proposed upgrade to the larger main will have on the existing customers and rates.

**RESPONSE**

The proposed upgrade to the larger main will improve the Company's ability to provide necessary water service to the Arlington Heights service area and increase the Company's revenue requirement by about \$7,500. Under present rates in the Company's Southern and Peoria tariff group, this represents a de minimus increase of about 1/100 of a percent. For a customer with an average water bill of \$100, the increase would be about 1 cent.

ILLINOIS-AMERICAN WATER COMPANY  
RESPONSE TO ILLINOIS COMMERCE COMMISSION  
DATA REQUEST NUMBER RAK-1.26

Person Responsible:	Ronald D. Stafford
Title:	Director-Rates & Revenue
Phone No.:	618-239-2239
Date Received:	August 30, 2000
Docket No.:	99-0488

RAK 1.26      Please explain how the accounting treatment would be handled for the proposed main extension and for the variance if granted.

RESPONSE      The accounting treatment would be in accordance with the Uniform System of Accounts, as approved by the Illinois Commerce Commission pursuant to 83 Ill. Admin. Code 605 through a debit to utility plant in service for and a credit to customer advances.